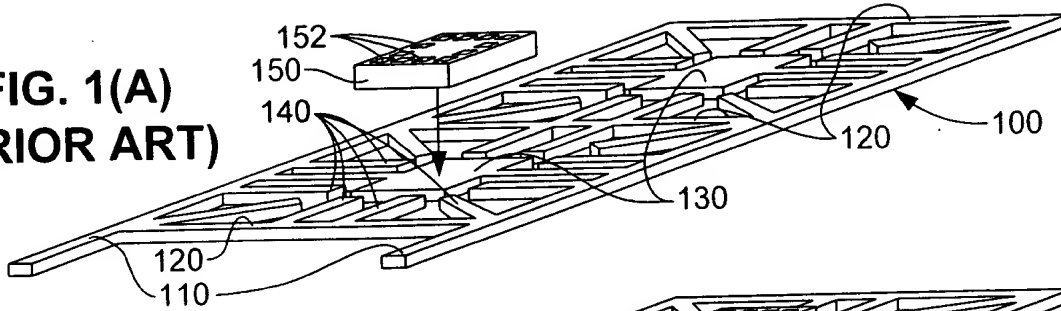
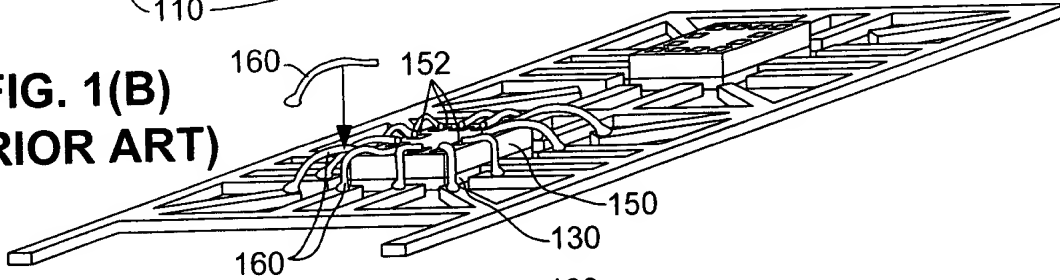


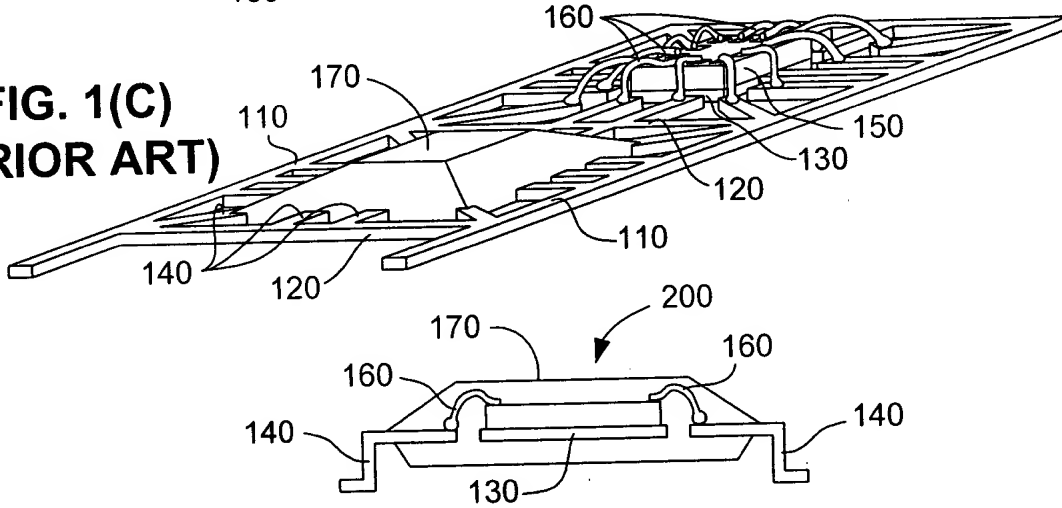
**FIG. 1(A)**  
**(PRIOR ART)**



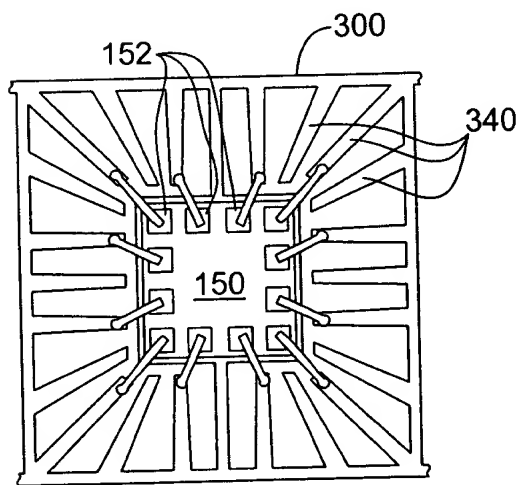
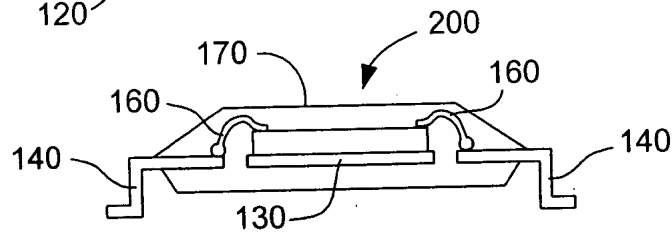
**FIG. 1(B)**  
**(PRIOR ART)**



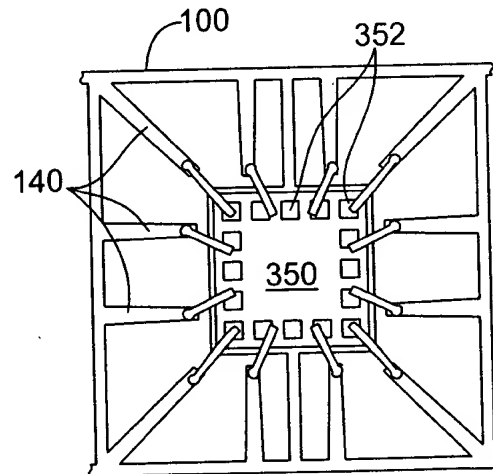
**FIG. 1(C)**  
**(PRIOR ART)**



**FIG. 2 (PRIOR ART)**



**FIG. 3(A)**  
**(PRIOR ART)**



**FIG. 3(B)**  
**(PRIOR ART)**

400

AUTO IMAGE MATCHING SYSTEM 480

482

VISION BOARD 486

SIGNAL CONTROLLER 484

ERROR SIGNAL

LEAD FRAME ONLOADER 420

EPOXY DISPENSER 425

PICK AND PLACE 430

MAGAZINE OFFLOADER 450

470

440

445

460

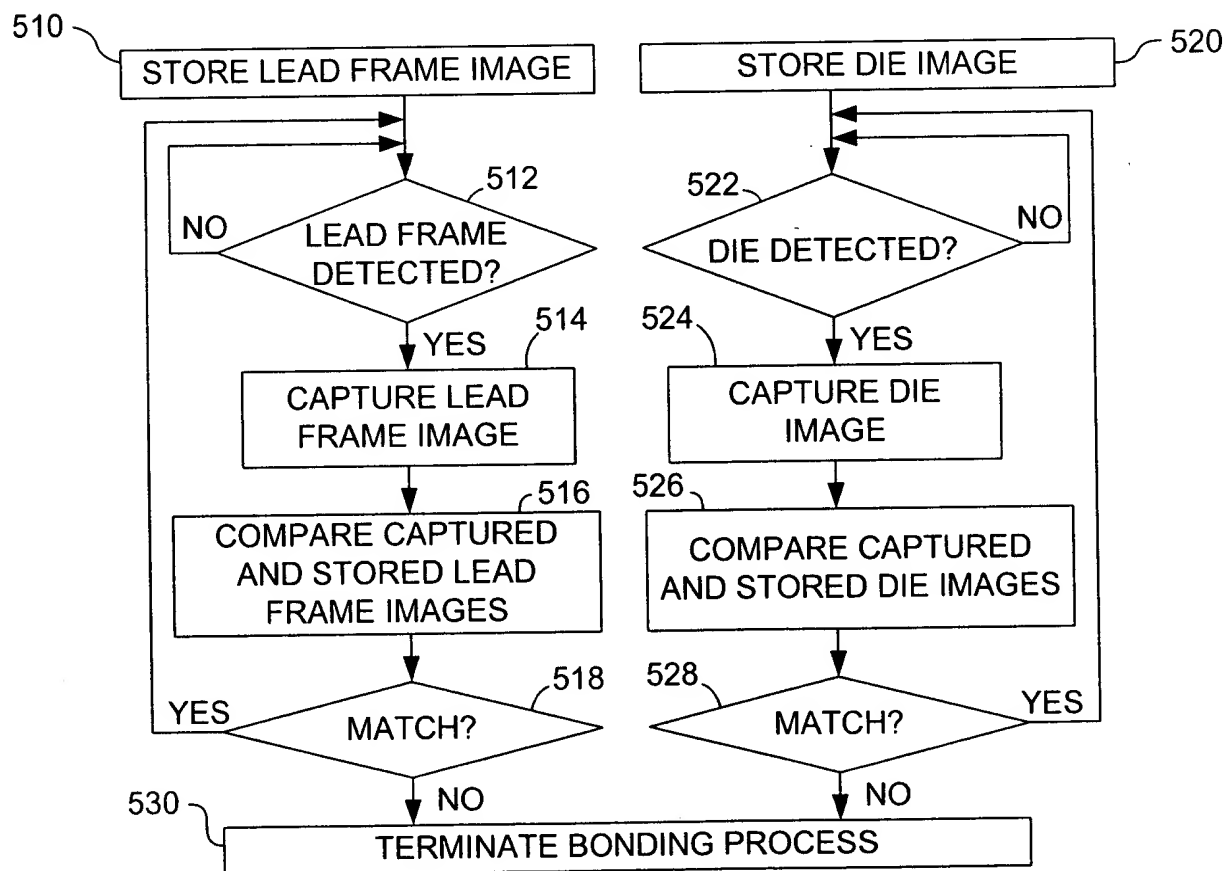
150

100

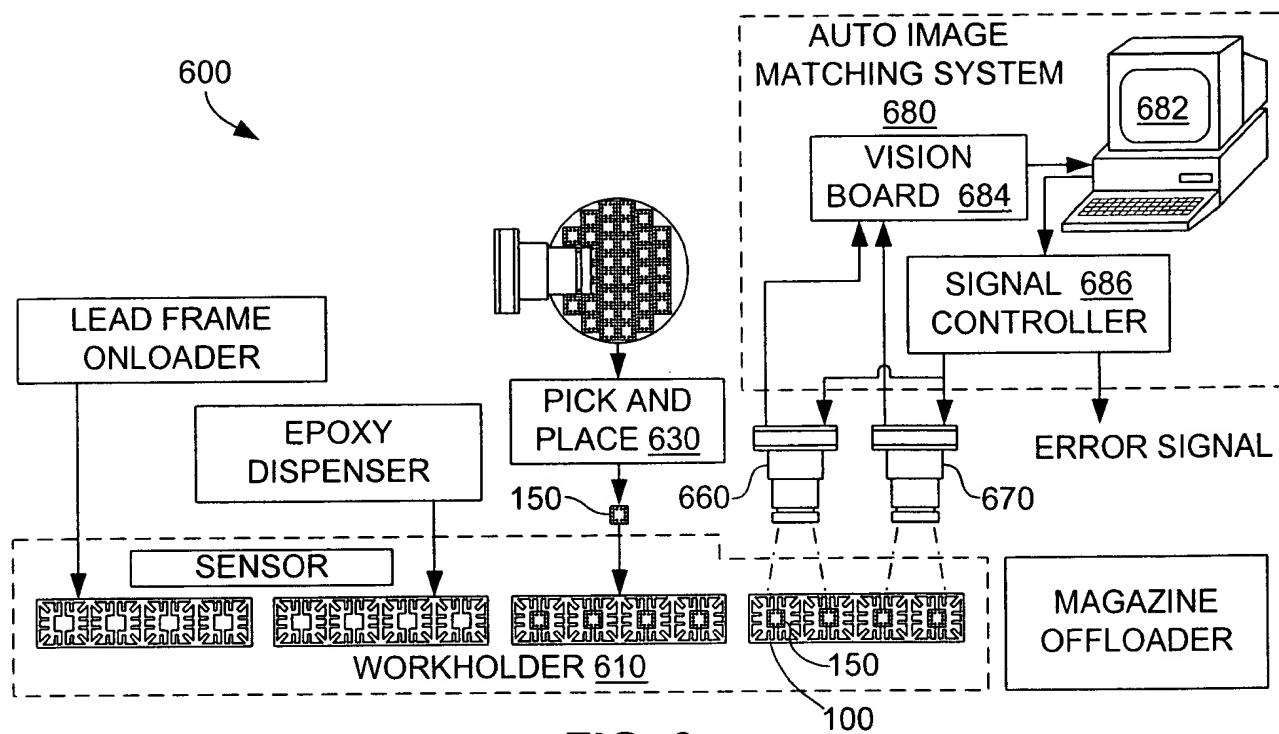
SENSOR 415

WORK HOLDER 410

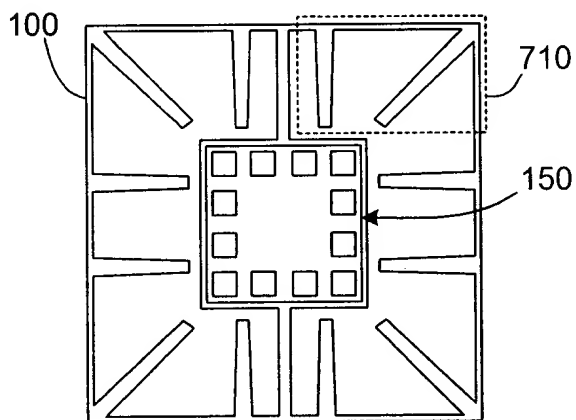
FIG. 4



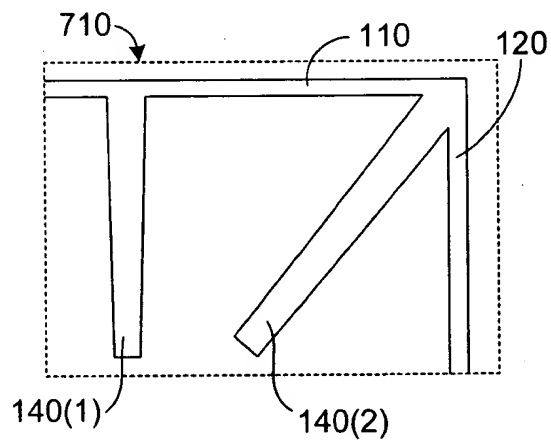
**FIG. 5**



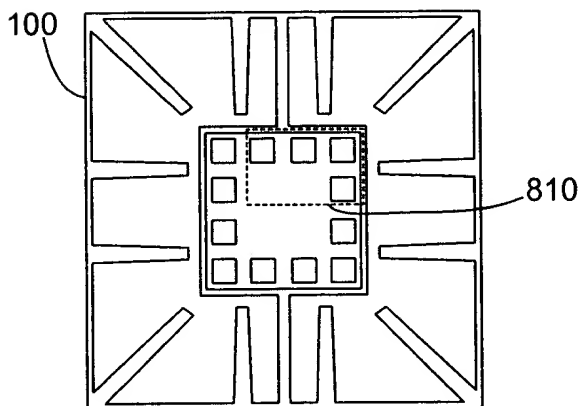
**FIG. 6**



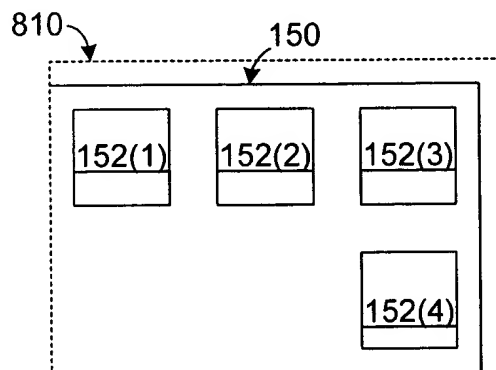
**FIG. 7(A)**



**FIG. 7(B)**



**FIG. 8(A)**



**FIG. 8(B)**